



consider the option
EPSON Stylus® Pro 10000 Print Engine

EPSON Stylus Pro 10000 Print Engine

Your Best Option.



let it *rip*

Welcome to the new era in wide-format photographic printing—starring the all new EPSON Stylus Pro 10000. Representing Epson's next generation in wide-format printing systems, the EPSON Stylus Pro 10000 incorporates all of our latest technologies, ensuring its future position as the most technologically advanced system of its kind.

Imagine being able to produce truly photographic output on a wide range of media at print engine speeds faster than you ever thought possible. With the EPSON Stylus Pro 10000, you no longer have to compromise print quality to get truly productive print speeds.

Imagine being able to produce everything from the most demanding outdoor signage to frame-worthy fine art and photography by simply changing the media. There's no need to purchase and maintain multiple output devices. The EPSON Stylus Pro 10000 handles it all.

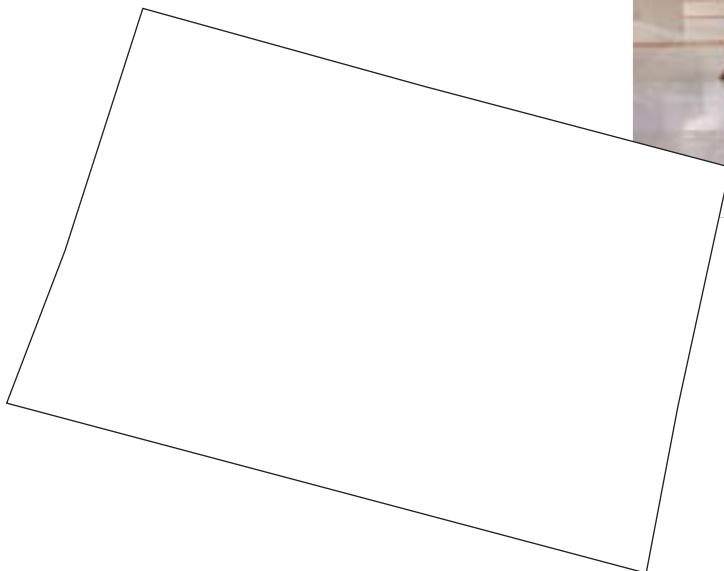


Gallery photos shown are courtesy of Steven Wilkes © Copyright 2000

Imagine producing durable outdoor signage that will not only last, but will look brighter than you ever dreamed. With EPSON Archival™ Ink technology, your signage will have noticeably higher quality, giving you a competitive edge.

Backed by one of the most comprehensive warranty programs in the industry, the EPSON Stylus Pro 10000 comes with toll-free technical support, Monday through Saturday, and next-business-day on-site service for a year, so you can be confident we'll be there when you need us.

The EPSON Stylus Pro 10000 represents a new era in wide-format photographic printing, combining innovative technology and extraordinary performance with unbeatable value. Designed to meet the most demanding print requirements, the EPSON Stylus Pro 10000 will not only exceed your clients' expectations, it will keep them coming back for more. It's time you stopped imagining and considered a better alternative to wide-format photographic printing.



231 ft²/hr



cliff hanging
color



Variable Droplet Micro Piezo® DX3™ print head with Photo Accelerator Technology

- True 1440 x 720 dpi resolution and 5 picoliter ink droplets for text and line-art comparable to a final press sheet
- Groundbreaking Photo Accelerator Technology virtually guarantees full print engine performance when printing RGB-based files with even the slowest computer systems
- True Variable Size Droplet Technology produces up to three different dot sizes per line of print, greatly decreasing print times while optimizing photographic quality
- Innovative 6-color inking system provides astonishing photographic quality, especially for color blends, midtones and highlights

EPSON Intelligent High-Capacity Ink System

- Six 500 ml ink cartridges (CcMmYK) with automatic data tracking of ink level, ink type, usage rates, production dates, expiration dates and remaining ink life for the most accurate production cost estimations
- Greatly increasing productivity, you can change ink cartridges on-the-fly, even during the middle of a print job with no loss in image quality



True production quality print speeds

- Depending upon the print job, print engine speeds will vary from 25 ft²/hr to a maximum of 231 ft²/hr
- Extremely photographic printing can be produced at approximately 72 ft²/hr
- Produces better quality output at approximately 87-125 ft²/hr than direct competitors can produce in any print mode

True Print Engine Consistency Technology

- Proprietary DX3 ASIC technology controls the printing process, resulting in consistent image quality and color output

Automatic Nozzle Verification Technology

- Proprietary laser technology continuously scans the surface of the print head looking for possible nozzle clogging. When detected, the system automatically cleans the print head virtually eliminating streaking or banding due to random head cleaning



EPSON Professional Ink Technologies

- Engineered to produce everything from sellable fine art and photography to eye-catching tradeshow signage, the EPSON Stylus Pro 10000 print engine is available with your choice of either EPSON Archival or Photographic Dye™ Ink Technologies*
- Using our newest EPSON Archival Ink Technology, your prints will not only look brilliant, but have a lightfastness rating up to 200 years under glass**
- Using our award-winning EPSON Photographic Dye Ink Technology, your prints will have the highest level of photographic quality ever produced by an EPSON printer

* The user selects the desired ink version at time of purchase

** Ink lightfastness rating, based on accelerated testing of prints on specialty media, displayed indoors, under glass. Actual print stability will vary according to ink, media, printer engine, printed image, display conditions, light intensity, humidity, and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them. For the latest in lightfastness information, refer to www.prographics.epson.com



come rain or
shine

Professional Media Handling

- Holds up to two rolls of 2" or 3" cored media simultaneously, for hassle-free media swapping
- Handles up to 44" wide media in a variety of weights up to 1.5 mm thick
- Accurate automatic loading of cut sheet media up to 44" wide
- Built-in Automatic Cutting System with optional manual cutter for cutting even the thickest of media types
- Optional high-speed Automatic Take-up Reel System for unattended production of large print jobs
- Prints on virtually any media from plain paper to glossy, semi gloss and matte photographic papers, vinyls, Tyvek®, backlight films, fine art watercolor papers, canvas, posterboard and even commercial grade proofing papers

Superior Connectivity

- Includes USB, IEEE 1394 FireWire®, ECP Parallel, and one EPSON Expansion Slot as standard connections, resulting in the best connectivity possible for both direct networking and external RIP support
- Optional internal 10/100 BaseT Ethernet for direct network connections
- Award-winning photographic printer drivers supporting Macintosh® and Windows® operating systems
- High-speed HPGL/2 plotting support with ZEHPlot
- Available with an optional Adobe PostScript® 3™ RIP from Epson and is fully supported by most leading third-party RIPs and workflows greatly enhancing the upgradeability of the basic printer

World Class Service and Support

- One-year of coverage under the EPSON Preferred Protection PlanSM with toll-free telephone support available Monday through Saturday and next-business-day on-site service, typically available Monday through Friday
- Optional one or two-year Preferred Plus extension plans available for purchase





B0 A0 B1

EPSON

for the serious speed enthusiast

Performance
MOTOR CARS

EPSON Stylus Pro 10000 Print Engine Specifications

Printing Method

6-color (CcMmYK) Variable Droplet Micro Piezo DX3 drop-on-demand ink jet technology with Photo Accelerator Technology and Automatic Nozzle Verification Technology

Nozzle Configuration

Monochrome head 180 nozzles (K)
Color head 180 nozzles x 5 (CcMmY)

Droplet Technology

Smallest droplet size 5 picoliter
Variable droplet produces up to 3 different sizes per print line

Resolution

1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi; 360 x 360 dpi

Print Engine Speed*

Depending upon the print mode being used, print engine speeds will vary from 25 ft²/hr to a maximum of 231 ft²/hr

Depending upon the print job, everyday "production quality" print speeds are typically ~87 to 125 ft²/hr

Acoustic Noise Level

Approximately 50 dB(A) according to ISO 7779

Printer Language

EPSON ESC/P Raster Photographic Drivers standard
ZEHPlot high speed HPGL/2 printing utility standard

External server based Adobe PostScript 3 with optional software RIP.
Also supported by most leading third-party RIPs and workflows

Operating Systems Supported

Macintosh OS 8.5.1 through 9.x
Windows 95, 98, 2000, Me or NT 4.0

Printer Interfaces

Built-in FireWire (IEEE-1394), USB 1.1, Parallel (IEEE-1284 ECP Mode), and one Epson Type-B Expansion Slot for installing the Optional 10/100 BaseT expansion card

Dimensions & Weights

73.4" (W) x 48.2" (H) x 28" (D)
Printer weight 291 lb with legs

Printable Area

Maximum paper width 44.02"
Left and right print margins 3 mm each (0.24" total)
Maximum printable width 43.78"
Maximum printable length Up to 100' (limited by roll length) (limited by software application)

Media Handling

Media input Dual rolls up to 44" width
Cut sheet size Up to 44" wide media (auto-loading)
Max. roll media diameter Up to 4"
Media core compatibility Handles both 2" and 3" cored media
Weight 2 lb bond up to 1.5 mm cardboard
Built-in media cutter Automatic or manual cutting
Optional manual media cutter Used for cutting very thick media types

EPSON Intelligent Ink Cartridge

Ink cartridge yield 500 ml each color x 6 colors total
Ink cartridge shelf life 2 years from printed production date or 6 months after open for Archival Ink and 2 years after open for Photographic Dye

On cartridge I.C. chip automatically tracks several ink usage data points for use in very accurate production cost estimations and reporting

Environmental Characteristics

Temperature operating 50° to 95° F (10° to 35° C)
Storage 4° to 140° F (-20° to 40° C)
Humidity operating 20 to 80% relative humidity
Storage 5 to 85% relative humidity (no condensation)

Safety Approval

Safety standards UL1950, CSA 22.2 950 FDA
EMI FCC Part 15 subpart B class A, CSA C108.8 class A

Engine Reliability

Total print volume 20,000 B0 pages at 720 x 360 dpi
Print head life 28 billion shots per nozzle
Cutter life 2,000 times (B0+)
Maintenance parts Ink pad, pump unit, flushing box, head cleaner, cap assembly

Electrical Requirements

Voltage 120 V (90 to 264 V)
Frequency 50 to 60 Hz
Current 1.4 - 0.7A
Power consumption Approx. 140W (operating) >29W (Standby) Energy Star compliant

Product/Accessories

EPSON Stylus Pro 10000 print engine w/Archival Ink
EPSON Stylus Pro 10000 print engine w/Photographic Dye
Internal 10/100 BaseT Type-B card
Additional One-year EPSON Preferred Plus Service
Additional Two-year EPSON Preferred Plus Service
Automatic take-up reel system
Replacement 44" take-up reel core
Paper roller spindle (High Tension) - 2"
Paper roller spindle (High Tension) - 3"
Replacement media cutter blade
Manual media cutting system
Replacement manual cutting blade

Part Numbers

C362111ARC
C362111DYE
C823632A
EPP10B1
EPP10B2
C815172
C815121
C811134
C811122
C815131
C815182
C815192

EPSON Ink Technology

Black ink cartridge
Yellow ink cartridge
Magenta ink cartridge
Cyan ink cartridge
Light Magenta ink cartridge
Light Cyan ink cartridge

Photo Dye

T499201
T500201
T501201
T502201
T503201
T504201

Archival

T511201
T512201
T513201
T514201
T515201
T516201

* Based upon print engine speed only. Total throughput times depend upon front end RIP, file size, printer resolution, ink coverage, networking, etc.

YOU'VE GOT TO SEE IT IN **EPSON** COLOR™



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Electronics
FOR Imaging™



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